	<input checked="" type="checkbox"/> New Product Release	<input type="checkbox"/> Calibration Procedure
	<input type="checkbox"/> Sales Bulletin	<input type="checkbox"/> Operation Procedure
	<input type="checkbox"/> Service Bulletin	<input type="checkbox"/> Part / Accessory
	<input type="checkbox"/> Service Procedure	
Release Date: September, 2007 Priority Status: None	Model(s) Affected: Ultra Aligner, V3D IVS, CCD Series Aligners, (Legacy) V3D,	WA-1102
Wheel Clamp Upgrade Kits And Accessories		

GENERAL OVERVIEW: _____

The automotive wheel market trend today seems to be “BIGGER IS BETTER”. To address the needs of our existing aligner customers, we now have wheel clamp upgrade kits available. These kits contain the new extended range universal clamps which were introduced in new aligner models.

The clamps have a standard clamping range of 11” to 25”. The claws are dual-ended to address steel, alloy as well as hub-cap covered wheels. Several optional accessories are available for these clamps such as extensions which increase the clamping diameter to 30”.

Two kits are available, one for conventional CCD systems and one for imaging systems.

The kits contain clamps, dual-ended claws, bungee cords and appropriate cabinet storage brackets. These kits directly address conventional CCD, IVS Imaging and Ultra Imaging aligner models introduced in 2001 and later.

Please note, the clamps for CCD and Imaging aligner applications are different and are not interchangeable. You must order the correct kit to match your customer’s aligner type.



The Imaging kit comes with two (2) types of storage brackets for different style cabinets. The second set of brackets may be used for an alternate storage location such as a wall, bench or toolbox.

CCD Clamp Upgrade Kit – EAK0277J14A

Applicable Models:

JBC

EEWA510 *
EEWA511 *
EEWA521 *
EEWA537 *
EEWA543 *

Sun

EEWA127
EEWA128
EEWA134 *
EEWA135 *
EEWA136 *

Hofmann*

EEWA710A
EEWA711A
EEWA711AC



* applies to models built before March 2005

The kit contains:

- (4) EAC0079J47A Universal wheel clamps
- (16) EAM0044J19A Dual-end claws
- (4) 1-08584A Bungee safety straps
- (4) EAS2084J35A Cabinet storage brackets
- (1) TEAK0277J14A Instruction sheet

Imaging Clamp Upgrade Kit – EAK0277J15A

Applicable Models:

JBC

EEWA531

EEWA532

EEWA533

EEWA545 *

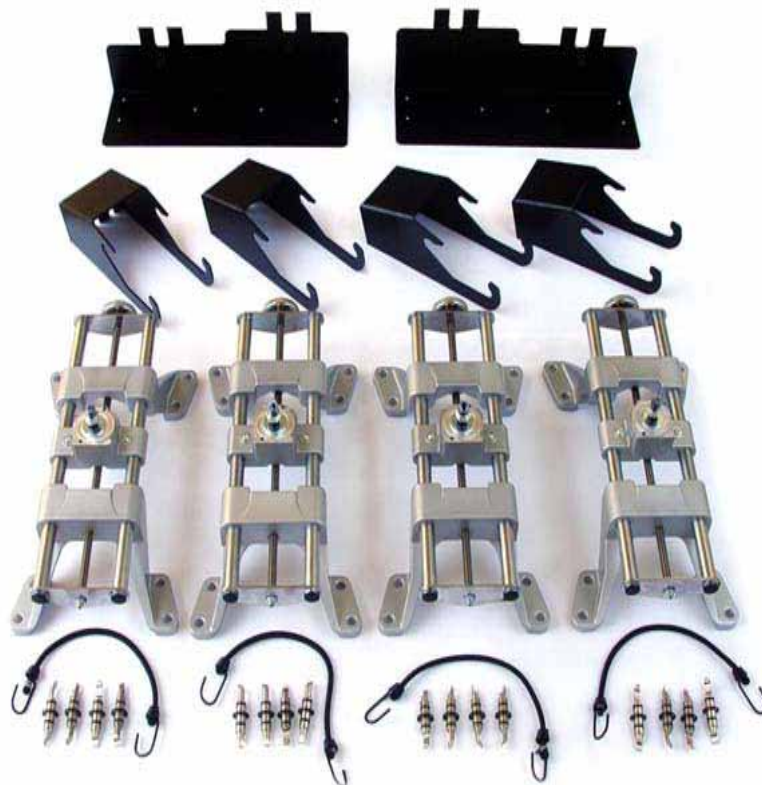
EEWA546 *

V3D Non IVS

Hofmann

EEWA712A

EEWA714AL



* applies to models built before January 2005

The kit contains:

(2) EAC0079J54A Front universal wheel clamps

(2) EAC0079J55A Rear universal wheel clamps

(16) EAM0044J19A Dual-end claws

(4) 00089456000 Bushing

(4) 1-08584A Bungee safety straps

(4) EAS2084J35A Cabinet storage brackets for JBC large cabinet models

(1) EAS2084J41A LH Cabinet storage brackets for JBC/Hofmann small cabinet models

(1) EAS2084J40A RH Cabinet storage brackets for JBC/Hofmann small cabinet models

(1) TEAK0277J15A Instruction sheet

ACCESSORIES: _____

With the introduction of the new extended range alignment wheel clamps, there have been several accessories developed to enhance the performance and extend the capabilities of these wheel clamps. Please note that some accessories are compatible with both conventional CCD systems and V3D Imaging systems, while others are only intended for one or the other.

Part Number	Description	CCD	V3D
EAK0268J62A	 <p>Clamp Extension Kit Kit contains 16 extensions for a complete aligner. (4 per clamp)</p>	✓	✓
EAK0268J63A	 <p>Quick Clamp Kit Kit contains 4 tire clamps and 3 types of plastic tips (20 ea) for a complete aligner.</p>	✓	✓
EAK0268J73A	 <p>Spoiler Adapter Kit Kit contains 2 spoiler adapters for lowering the front heads, allowing clear cross toe view under the vehicle.</p>	✓	✗
EAK0268J41A	 <p>Rim Claw Kit Kit contains 4 rim claws for servicing a single clamp.</p>	✓	✓
EAK0268J51A	 <p>O-ring Kit Kit contains 32 O-rings for servicing the claws on a complete set of 4 wheel clamps.</p>	✓	✓

Clamp Extension Kit - EAK0268J62A

With wheels reaching 28" (711mm) and possibly getting even larger, there is a need to easily and quickly address these market changes. The optional clamp extension kit does just that. The maximum wheel diameter of the clamp is increased to 29" (737mm) with this simple kit. The kit includes enough extensions for a complete aligner.



Clamp Extension Kit
Kit P/N: EAK0268J62A
Extensions per kit: 16
Kits per aligner: 1

Installation of the kit is simple:

1. Remove the rim claws from the clamp
2. Attach the simple extension at each of the claw positions (4 per Clamp)
3. Re-insert the claw into the extension

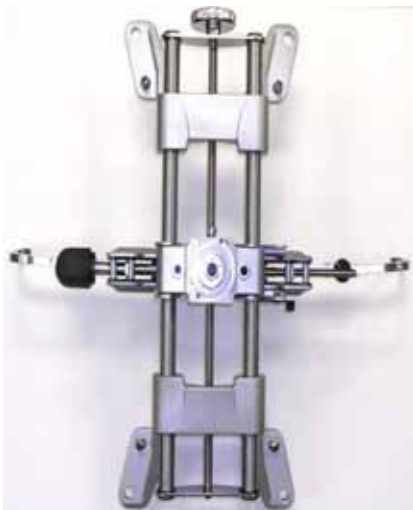


NOTE: THE CLAMPS AND EXTENSIONS ARE PRECISION MACHINED, SO THERE IS NO NEED TO PERFORM TID ON IMAGING ALIGNER MODELS WHEN CHANGING CLAW POSITIONS OR INSTALLING EXTENSIONS. HOWEVER, IT IS CRITICAL THAT ALL 4 CLAWS ON A CLAMP BE IN THE SAME POSITION.

Quick Clamp Kit - EAK0268J63A

In addition to the wide range of wheel sizes, the profile and finish on wheels is also changing at an equally aggressive pace. There are rim-guard tires which limit access to the wheel edge for normal clamping methods. Also, wheels are becoming ever more expensive. These factors lead to concern with wheel surface damage when attaching wheel clamps with rim claws. In order to address these issues, a tire clamp option is available for the universal wheel clamp. This option applies force to the tire in order to hold the wheel clamp in position on the wheel/tire assembly. The claws are covered by plastic sleeves to protect the wheel surface and simply "locate" the wheel clamp on the wheel without actually gripping the wheel. This approach ensures a solid attachment of the clamp without risk of marking or damaging the customer's wheel. Three styles of sleeves are included in the kit to allow locating on the inside or outside of the wheel edge as well as the new convex wheel designs from VW, Audi and Honda.

The tire clamp simply locks to the wheel clamp bars from behind and can be installed for either right-hand or left hand operation. The tire grippers can be adjusted to accommodate tires from 21" to 40" (533mm to 1016mm). The tire grippers have 5 positions providing a coarse adjustment of 12" (305mm). The final adjustment and gripping force is applied through the screw knob which has an adjustment range of 8" (203mm).



Kit P/N: EAK0268J63A Consists of:
EAC0079J90A Clamp: 4 per kit
EAK0268J79A VW Outside Locator Sleeve
EAK0268J96A Outside Loctor Sleeve
EAK0268J95A Inside Loctor Kit Sleeve



EAK0268J97A VW Outside Locator Sleeve, 20 of EAC0079J82A

EAK0268J96A Outside Locator Sleeve, 20 of EAC0079J58A

EAK0268J95A Inside Locator Sleeve, 20 of EAC0079J57A

Spoiler Adapter Kit - EAK0268J73A

It is becoming ever more popular to modify vehicles through the addition of spoilers and miscellaneous lower body trim as well as lowering suspensions. In addition, many OEMs are capitalizing on this popularity and offering such trim on standard factory vehicles. This trend poses a particular problem with the Conventional CCD aligner systems. While the new clamp end casting design allows greater wheel range, it also limits the lower travel of the sliding center casting which in turn limits how low the sensor head can be positioned on the clamp. In some cases, this lower travel limit will not allow the sensor head to be positioned low enough for clear cross toe sensor viewing. To address this situation, a set of adapters have been developed which are placed between the sensor head and the wheel clamp. The adapter has 4 different positions for the sensor head, allowing for a maximum vertical adjustment of approximately 6.5 inches (165mm) in 4 equal steps. The adapter has a lockable shaft which interfaces with the wheel clamp as well as a level vial for minimizing set-back measurement errors. Run-out compensation is performed by securely locking the sensor head shaft in the adapter and allowing the sensor head/adapter assembly to rotate as a whole on the adapter shaft. Each kit contains one pair (2 pcs) of adapters.



Spoiler Adapter Kit

Kit P/N: EAK0268J73A

Adapters per kit: 2

Kits per aligner: 1

Kit Consists Of :

2 EAA0333J03A

EAA0333J03A Parts List

EAM0044J59A Shaft Qty 1

EAC0055J46A Knob Qty 2

1-16981A Level Vial Qty 1

2-03732A Level Vial Mount Qty 2

1-13677A Retaining Ring Qty 2

1-37410 Set ScREW Qty 4

Rim Claw Kit – EAK0268J41A

Accidents happen and parts can get lost or damaged. A replacement claw kit is available to make sure your customer is not out of business because of a careless handling. One kit contains enough claws to service a single wheel clamp.



Rim Claw Kit P/N: EAK0268J41A
(for single clamp)
4 EAM0044J19A Claws per kit

O-Ring Kit EAK0268J51A



O-Ring Kit
EAK0268J51A
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